

**TRANSLATION**

**PATENT COOPERATION TREATY**

**PCT**

**INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY**

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

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| Applicant's or agent's file reference<br><b>P144034 SW/DV/SB</b>   | <b>FOR FURTHER ACTION</b>  | See Form PCT/IPEA/416  |
| International application No.<br><b>PCT/CH2004/000625</b>  | International filing date ( <i>day/month/year</i> )<br><b>15.10.2004</b> | Priority date ( <i>day/month/year</i> )<br><b>17.10.2003</b> |
| International Patent Classification (IPC) or national classification and IPC<br><b>G07C9/00, G07B15/02</b> |  |  |
| Applicant<br><b>SWISSCOM MOBILE AG</b>   |  |  |

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| 1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.   |
| 2. This REPORT consists of a total of <u>5</u> sheets, including this cover sheet.   |
| 3. This report is also accompanied by ANNEXES, comprising:<br>a. <input checked="" type="checkbox"/> ( <i>sent to the applicant and to the International Bureau</i> ) a total of <u>10</u> sheets, as follows:<br><input checked="" type="checkbox"/> sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).<br><input type="checkbox"/> sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.<br>b. <input type="checkbox"/> ( <i>sent to the International Bureau only</i> ) a total of _____, containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions). |
| 4. This report contains indications relating to the following items:<br><input checked="" type="checkbox"/> Box No. I Basis of the report<br><input type="checkbox"/> Box No. II Priority<br><input type="checkbox"/> Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability<br><input type="checkbox"/> Box No. IV Lack of unity of invention<br><input checked="" type="checkbox"/> Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement<br><input type="checkbox"/> Box No. VI Certain documents cited<br><input type="checkbox"/> Box No. VII Certain defects in the international application<br><input type="checkbox"/> Box No. VIII Certain observations on the international application   |

|   |                                   |
|---|-----------------------------------|
| Date of submission of the demand        | Date of completion of this report |
| Name and mailing address of the IPEA/EP | Authorized officer                |
| Facsimile No.                           | Telephone No.                     |

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/CH2004/000625

## Box No. I Basis of the report

1. With regard to the **language**, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.
- ☐ This report is based on translations from the original language into the following language \_\_\_\_\_, which is the language of a translation furnished for the purposes of:
- ☐ international search (Rule 12.3 and 23.1(b))
- ☐ publication of the international application (Rule 12.4)
- ☐ international preliminary examination (Rule 55.2 and/or 55.3)
2. With regard to the **elements** of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:
- ☐ the international application as originally filed/furnished
- ☒ the description:
- pages 1-20 \_\_\_\_\_ as originally filed/furnished
- pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- ☒ the claims:
- nos. \_\_\_\_\_ as originally filed/furnished
- nos.\* \_\_\_\_\_ as amended (together with any statement) under Article 19
- nos.\* 1-33 \_\_\_\_\_ received by this Authority on 26.03.2005 with letter of 23.03.2005
- nos.\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- ☒ the drawings:
- sheets 1/3-3/3 \_\_\_\_\_ as originally filed/furnished
- sheets\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- sheets\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- ☐ a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.
3. ☐ The amendments have resulted in the cancellation of:
- ☐ the description, pages \_\_\_\_\_
- ☐ the claims, nos. \_\_\_\_\_
- ☐ the drawings, sheets/figs \_\_\_\_\_
- ☐ the sequence listing (*specify*): \_\_\_\_\_
- ☐ any table(s) related to sequence listing (*specify*): \_\_\_\_\_
4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
- ☐ the description, pages \_\_\_\_\_
- ☐ the claims, nos. \_\_\_\_\_
- ☐ the drawings, sheets/figs \_\_\_\_\_
- ☐ the sequence listing (*specify*): \_\_\_\_\_
- ☐ any table(s) related to sequence listing (*specify*): \_\_\_\_\_

\* If item 4 applies, some or all of those sheets may be marked "superseded."

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/CH2004/000625

| Box No. V | Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement                                |                    |     |
|-----------|--|--------------------|-----|
| 1.        | Statement  |                    |     |
|           | Novelty (N)  | Claims <u>1-33</u> | YES |
|           |  | Claims _____       | NO  |
|           | Inventive step (IS)  | Claims <u>1-33</u> | YES |
|           |  | Claims _____       | NO  |
|           | Industrial applicability (IA)  | Claims <u>1-33</u> | YES |
|           |  | Claims _____       | NO  |
| 2.        | Citations and explanations (Rule 70.7)   |                    |     |
| 1.        | This report makes reference to the following document:   |                    |     |
| D1:       | WO 02/48926 A (OOMEN RUDOLPHA HENDRIKA; PRINS SHARON LESLEY (NL); KONINKL KPN NV), 20 June 2002 (2002-06-20)   |                    |     |
| 2.        | INDEPENDENT CLAIMS 1, 14 AND 27  |                    |     |
|           | The subject matter of claim 1 is <b>novel and inventive</b> (PCT Article 33(2) and (3)).   |                    |     |
|           | Document D1 is regarded as the prior art closest to the subject matter of claim 1 and discloses, in the terminology of claim 1:  |                    |     |
|           | an authorisation verification method in which authorisation data are reproduced via a user interface of a first electronic reproduction device (abstract),                                     |                    |     |
|           | the authorisation data reproduced via the user interface of the first reproduction device are compared with reference data reproduced via a user interface of a second electronic reproduction |                    |     |

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/CH2004/000625

| Box No. V | Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement  |
|-----------|--|
|           | <p>device (abstract),</p> <p>and authorisation is granted when the authorisation data reproduced via the user interface of the first reproduction device match the reference data reproduced via the user interface of the second reproduction device (page 4, lines 27-30).</p> <p>The subject matter of claim 1 differs from the subject matter known from D1 in that</p> <p>(1) the reproduction attributes are altered during the reproduction of the authorisation data via the user interface of the first reproduction device so that the reproduction of the authorisation data changes dynamically;</p> <p>(2) the authorisation data reproduced match the reference data reproduced at least by their reproduction attributes, and changes to the reproduction attributes are synchronised.</p> <p>The subject matter of claim 1 is thus novel (PCT Article 33(2)).</p> <p>The present invention can therefore be considered to address the problem of simplifying and hastening the comparison of authorisation data by a controller.</p> <p>The problem is solved in that the reproduction attributes change in a synchronised manner during the reproduction of the authorisation data.</p> |

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| Box No. V | Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement  |
|-----------|--|
|           | <p>Document D1 discloses the comparison of authorisation data which change in a self-synchronised manner, in the form of verification codes. It does not disclose the synchronised change of reproduction attributes. None of the prior art documents, alone or in combination, contains any indication which could lead a person skilled in the art to the solution as per claim 1. The solution to this problem, as proposed in claim 1 of the present application, thus involves an inventive step (PCT Article 33(3)).</p> <p>The subject matter of claim 1 thus meets the requirements of PCT Article 33(1) to 33(4) for novelty, inventive step and industrial applicability.</p> <p>2.1 Claim 14 relates to the application of the subject matter of claim 1 to a system, and is therefore also novel and inventive.</p> <p>2.2 Claim 27 relates to the application of the subject matter of claim 1 to a computer program, and is therefore also novel and inventive.</p> <p>3. Claims 2-13 are dependent on claim 1 and thus also meet the PCT novelty and inventive step requirements. Claims 15-26 are dependent on claim 14 and thus also meet the PCT novelty and inventive step requirements. Claims 28-33 are dependent on claim 27 and thus also meet the PCT novelty and inventive step requirements.</p> |